Serial Number: 09/763,498   **ENTERED**

☑ Changed a [ ] from non-ASCII to ASCII

☑ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically: _____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

☐ Inserted or corrected a nucleic number at the end of a nucleic line.   SEQ ID NO's edited: _____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included: _____

☐ Deleted extra, invalid, headings used by an applicant, specifically: _____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☑ Other: Entered "hard returns" to correct format of sequence listing.

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.   3/1/95

RAW SEQUENCE LISTING   DATE: 03/08/2001
PATENT APPLICATION: US/09/763,498   TIME: 12:19:53

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Output Set: N:\CRF3\03082001\I763498.raw

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     4 <120> TITLE OF INVENTION: HUMAN IL-1 EPSILON DNA AND POLYPEPTIDES
     6 <130> FILE REFERENCE: 0317-US
C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/763,498
C--> 9 <141> CURRENT FILING DATE: 2001-02-21
    11 <150> PRIOR APPLICATION NUMBER: PCT/US99/18771
    12 <151> PRIOR FILING DATE: 1999-08-20
    13 <150> PRIOR APPLICATION NUMBER: 60/097,413
    14 <151> PRIOR FILING DATE: 1998-08-21
    15 <150> PRIOR APPLICATION NUMBER: 60/098,595
    16 <151> PRIOR FILING DATE: 1998-08-31
    17 <150> PRIOR APPLICATION NUMBER: 60/099,974
    18 <151> PRIOR FILING DATE: 1998-09-11
    20 <160> NUMBER OF SEQ ID NOS: 13
    22 <170> SOFTWARE: PatentIn version 3.0
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    25 <211> LENGTH: 297
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    27 <213> ORGANISM: Mus sp;
    29 <400> SEQUENCE: 1
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    34 cctgtaaaag cctctctctt ctatcacaag aagagtggta caacctctac atttgagtct     180
    36 gcagccttcc ctggttggtt catcgctgtc tgctctaaag ggagctgccc actcattctg     240
    38 acccaagaac tgggggaaat cttcatcact gacttcgaga tgattgtggt acattaa        297
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    42 <211> LENGTH: 98
    43 <212> TYPE: PRT
    44 <213> ORGANISM: Mus sp.
    46 <400> SEQUENCE: 2
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    49 1               5                   10                  15
    51 Ser Leu Gln Ser Gln Gly Lys Ser Lys Gln Phe Gln Glu Gly Asn Ile
    52             20                  25                  30
    54 Met Glu Met Tyr Asn Lys Lys Glu Pro Val Lys Ala Ser Leu Phe Tyr
    55         35                  40                  45
    57 His Lys Lys Ser Gly Thr Thr Ser Thr Phe Glu Ser Ala Ala Phe Pro
    58     50                  55                  60
    60 Gly Trp Phe Ile Ala Val Cys Ser Lys Gly Ser Cys Pro Leu Ile Leu
    61 65                  70                  75                  80
    63 Thr Gln Glu Leu Gly Glu Ile Phe Ile Thr Asp Phe Glu Met Ile Val
    64                 85                  90                  95
    66 Val His
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    70 <211> LENGTH: 174
    71 <212> TYPE: DNA
    72 <213> ORGANISM: Mus sp;
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79 ctcttgagac gaacaggggg gatcccacgt acatgggagt gcaaaggccg atga          174
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83 <211> LENGTH: 57
84 <212> TYPE: PRT
85 <213> ORGANISM: Mus sp.
87 <400> SEQUENCE: 4
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90 1               5                   10                  15
92 Ser Leu Gln Ser Gln Gly Lys Ser Lys Gln Phe Gln Ser Leu Leu Pro
93              20                  25                  30
95 Cys Ser His Ala Asn Ile Trp Thr Leu Leu Arg Arg Thr Gly Gly Ile
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99      50                  55
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102 <211> LENGTH: 213
103 <212> TYPE: DNA
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106 <400> SEQUENCE: 5
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109 cacagccaga gtggcaggaa ctccaccttc gagtctgtgg ctttccctgg ctggttcatc   120
111 gctgtcagct ctgaaggagg ctgtcctctc atccttaccc aagaactggg gaaagccaac   180
113 actactgact ttgggttaac tatgctgttt taa                                213
116 <210> SEQ ID NO: 6
117 <211> LENGTH: 70
118 <212> TYPE: PRT
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 6
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124 1               5                   10                  15
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127              20                  25                  30
129 Val Ala Phe Pro Gly Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys
130          35                  40                  45
132 Pro Leu Ile Leu Thr Gln Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe
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135 Gly Leu Thr Met Leu Phe
136 65                  70
138 <210> SEQ ID NO: 7
139 <211> LENGTH: 477
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens;
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148 ccagtcacta ttgccttaat ctcatgccga catgtggaga cccttgagaa agacagaggg   180
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152 gaccagccca cactgcagct gaaggaaaag gatataatgg atttgtacaa ccaacccgag    300
154 cctgtgaagt ccttctctt ctaccacagc cagagtggca ggaactccac cttcgagtct     360
156 gtggctttcc ctggctggtt catcgctgtc agctctgaag gaggctgtcc tctcatcctt     420
158 acccaagaac tggggaaagc caacactact gactttgggt taactatgct gttttaa       477
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162 <211> LENGTH: 158
163 <212> TYPE: PRT
164 <213> ORGANISM: Homo sapiens
166 <400> SEQUENCE: 8
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171 Asp Ile Asn His Arg Val Trp Val Leu Gln Asp Gln Thr Leu Ile Ala
172              20                 25                 30
174 Val Pro Arg Lys Asp Arg Met Ser Pro Val Thr Ile Ala Leu Ile Ser
175           35                 40                 45
177 Cys Arg His Val Glu Thr Leu Glu Lys Asp Arg Gly Asn Pro Ile Tyr
178        50                 55                 60
180 Leu Gly Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala Lys Val Gly
181 65                 70                 75                 80
183 Asp Gln Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr
184              85                 90                 95
186 Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser
187              100                105                110
189 Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile
190           115                120                125
192 Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu
193        130                135                140
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196 145                150                155
198 <210> SEQ ID NO: 9
199 <211> LENGTH: 108
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 9
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209              20                 25                 30
211 Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr Asn Gln
212           35                 40                 45
214 Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser Gly Arg
215        50                 55                 60
217 Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile Ala Val
218 65                 70                 75                 80
220 Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu Gly Lys
221              85                 90                 95
223 Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu Phe
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234  1               5                   10                  15
236  Phe Leu Phe Tyr His Ser Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser
237              20                  25                  30
239  Val Ala Phe Pro Gly Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys
240          35                  40                  45
242  Pro Leu Ile Leu Thr Gln Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe
243      50                  55                  60
245  Gly Leu Thr Met Leu
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248  <210> SEQ ID NO: 11
249  <211> LENGTH: 77
250  <212> TYPE: PRT
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255  Gln Gly Lys Ser Lys Gln Phe Gln Glu Gly Asn Ile Met Glu Met Tyr
256  1               5                   10                  15
258  Asn Lys Lys Glu Pro Val Lys Ala Ser Leu Phe Tyr His Lys Lys Ser
259              20                  25                  30
261  Gly Thr Thr Ser Thr Phe Glu Ser Ala Ala Phe Pro Gly Trp Phe Ile
262          35                  40                  45
264  Ala Val Cys Ser Lys Gly Ser Cys Pro Leu Ile Leu Thr Gln Glu Leu
265      50                  55                  60
267  Gly Glu Ile Phe Ile Thr Asp Phe Glu Met Ile Val Val
268  65                  70                  75
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271  <211> LENGTH: 477
272  <212> TYPE: DNA
273  <213> ORGANISM: Homo sapiens;
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278  cgggtgtggg ttcttcagga ccagacgctc atagcagtcc cgaggaagga ccgtatgtct     120
280  ccagtcacta ttgccttaat ctcatgccga catgtggaga cccttgagaa agacagaggg     180
282  aaccccatct acctgggcct gaatggactc aatctctgcc tgatgtgtgc taaagtcggg     240
284  gaccagccca cactgcagct gaaggaaaag gatataatgg atttgtacaa ccaacccgag     300
286  cctgtgaagt cctttctctt ctaccacagc cagagtggca ggaactccac cttcgagtct     360
288  gtggctttcc ctggctggtt catcgctgtc agctctgaag gaggctgtcc tctcatcctt     420
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303 Asp Ile Asn His Arg Val Trp Val Leu Gln Asp Gln Thr Leu Ile Ala
304             20                  25                  30
306 Val Pro Arg Lys Asp Arg Met Ser Pro Val Thr Ile Ala Leu Ile Ser
307         35                  40                  45
309 Cys Arg His Val Glu Thr Leu Glu Lys Asp Arg Gly Asn Pro Ile Tyr
310     50                  55                  60
312 Leu Gly Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala Lys Val Gly
313 65                  70                  75                  80
315 Asp Gln Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr
316             85                  90                  95
318 Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser
319             100                 105                 110
321 Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile
322         115                 120                 125
324 Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu
325     130                 135                 140
327 Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu Phe
328 145                 150                 155
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VERIFICATION SUMMARY
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L:8 M:270 C: Current Application Number differs, Replaced Application Number
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date